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UTILITY  
PATENT APPLICATION  
TRANSMITTALForm for new nonprovisional applications under  
37 C.F.R. § 1.53(b))

Attorney Docket No.

705579US1

First Inventor or  
Application Identifier

Del C Schroeder, et al.

Title Composite Spring Design that also Performs the Lower Control Arm  
Function for Conventional or Active Suspension System

Express Mail Label No.

EL536119310US

## APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent  
application contents.ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 202311. ☒ \*Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)2. ☒ Specification [Total Pages 21]

- (preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed Sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]

4. Oath or Declaration [Total Pages 2]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63 (d))  
(for continuation/divisional with Box 16 completed)

i. ☐ DELETION OF INVENTOR(S)Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 C.F.R.  
§ 1.63(d)(2) and 1.33 (b).5. ☐ Microfiche Computer Program (Appendix)6. Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))8. ☐ 37 C.F.R. § 3.37(b) Statement ☐ Power of  
(when there is an assignee) Attorney9. ☐ English Translation Document (if applicable)10. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations11. ☐ Preliminary Amendment12. ☒ Return Receipt Postcard MPEP 503)13. ☐ Statement (s) ☐ Statement filed in prior  
(PTO/SB/09-12) application, Status still proper  
and desired14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)15. ☐ Other:

\*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY  
SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS  
REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR  
APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, Check appropriate box, and supply the requisite information below and in a preliminary amendment:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The  
incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label 24938or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Mark P. Calcaterra				
	DaimlerChrysler Intellectual Capital Corporation				
Address	CIMS 483-02-19				
	800 Chrysler Drive				
City	Auburn Hills	State	Michigan	Zip Code	48326-2757
Country	United States	Telephone	(248) 944-6500	Fax	(248) 944-6537



24938

PATENT TRADEMARK OFFICE

Name (Print or Type)	Mark P. Calcaterra	Registration No.	30,363
Signature	<i>Mark P. Calcaterra</i>	Date	<i>April 23, 2001</i>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office,  
Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box  
Patent Application, Washington, D.C. 20231.

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**FEE TRANSMITTAL**  
**For FY 2001**Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.**TOTAL AMOUNT OF PAYMENT (\$)** 818**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Del C Schroeder
Examiner Name	
Group / Art Unit	
Attorney Docket No.	P705579/US/1

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1800Deposit Account Name DaimlerChrysler Intellectual Capital Corporation

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
101	201	710	355	Utility filing fee	710
105	206	320	160	Design filing fee	
107	207	490	245	Plant filing fee	
108	208	710	355	Reissue filing fee	
114	214	150	75	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>710</b>

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claim	Fee from below	Fee Paid
26	-20** = 6	108	108
3	-3** = 0	0	0
		270	0

Multiple Dependent  
\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description
103	203	18	9	Claims in excess of 20
102	202	80	40	Independent claims in excess of 3
104	204	270	135	Multiple dependent claim, if not paid
109	209	80	40	** Reissue independent claims over original patent
110	210	18	9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b> 108				

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
105	205	130	65	Surcharge-late filing fee or oath	
127	227	50	25	Surcharge-late provisional filing fee or cover sheet	
139	139	130	130	Non-English specification	
147	147	2,520	2,520	For filing a request for examination	
112	112	920*	920*	Requesting publication of SIR prior to Examiner action	
113	113	1,840*	1,840*	Requesting publication of SIR after Examiner action	
115	215	110	55	Extension for reply within first month	
116	216	390	195	Extension for reply within second month	
117	217	890	445	Extension for reply within third month	
118	218	1,390	695	Extension for reply within fourth month	
128	228	1,890	945	Extension for reply within fifth month	
119	219	310	155	Notice of Appeal	
120	220	310	155	Filing a brief in support of an appeal	
121	221	270	135	Request for oral hearing	
138	138	1,510	1,510	Petition to institute a public use proceeding	
140	240	110	55	Petition to revive - unavoidable	
141	241	1,240	620	Petition to revive - unintentional	
142	242	1,240	620	Utility issue fee (or reissue)	
143	243	440	220	Design issue fee	
144	244	600	300	Plant issue fee	
122	122	130	130	Petitions to the Commissioner	
123	123	50	50	Petitions related to provisional applications	
126	126	180	180	Submission of Information Discl. Stmt.	
581	581	40	40	Recording of each patent assignment per property (times number of properties)	
146	246	710	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	249	710	355	For each additional invention to be examined (34 CFR 1.129(b))	
Other fee (specify) _____					
Other fee (specify) _____					
* Reduced by Basic Filing Fee Paid					
<b>SUBTOTAL (3)</b>					<b>(\$)</b> 0

**SUBMITTED BY**

Typed or Printed Name

Mark P. Calcaterra

Signature

*Mark P. Calcaterra*

Date

April 23, 2001

**Complete (if applicable)**

Reg. Number

30,363

Deposit Account User ID

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**DaimlerChrysler Docket No. 705579US1TLW**  
**(HD&P File No. 0364P-001496)**

Application No.: Not yet assigned

Filing Date: Herewith

Applicant: Schroeder et al.

Group Art Unit: Not yet assigned

Examiner:

Title: COMPOSITE SPRING DESIGN THAT ALSO PERFORMS THE  
LOWER CONTROL ARM FUNCTION FOR CONVENTIONAL OR  
ACTIVE SUSPENSION SYSTEM

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Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In order to comply with 37 C.F.R. §§1.97 and 1.98, a copy of Form HDP-1449 is attached. A copy of the cited art is provided herewith.

In accordance with MPEP §§609 and 707.05(b), Applicants respectfully request that each document listed be given thorough consideration and that the Examiner cite each document of record in the prosecution history of the present application by initialing Form HDP-1449 next to each document. Applicants request such initialing even if the Examiner does not consider: (1) a listed document to be sufficiently pertinent to use in a rejection; (2) a document to be prior art for any reason; or (3) that the guidelines for citation have been fully complied with respecting a particular document. Applicants make this request so that each document becomes cited on the face of a patent issuing on the present application.

Applicants submit that the present Information Disclosure Statement is in

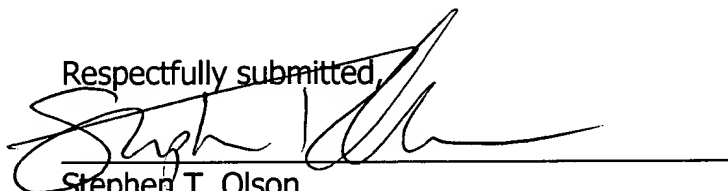
0364P-001496

compliance with the duty to disclose information material to patentability under 37 C.F.R. §1.56, but by listing such documents Applicants are not admitting that such documents are necessarily relevant or prior art. Applicants intend no representation that the listed documents represent the results of a complete search. Applicants anticipate that the Examiner, in the normal course of examination, will make an independent search to determine the best prior art consistent with 37 C.F.R. §§1.104(a) and 1.106(b) and, in the course of such search, will review for relevance every document listed on the attached form even if not initialed.

Applicants earnestly solicit early and favorable consideration.

Should you have any questions, please do not hesitate to contact the undersigned attorney at (248) 641-1600.

Respectfully submitted,



Stephen T. Olson  
Reg. No. 36,626  
Attorney for Applicants

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, MI 48303  
(248) 641-1600

DaimlerChrysler Intellectual Capital Corporation  
800 Chrysler Drive  
CIMS: 483-02-19  
Auburn Hills, MI 48326-2757  
(248) 944-6526

Date: April 19, 2001  
STO/lkj  
DaimlerChrysler Docket No. 705579US1TLW  
(HD&P File No. 0364P-001496)